

WHAT IS CLAIMED IS:

1. A flexible pipe comprising a resin layer and a conductive coating layer in this order from below on an outer surface of a corrugated metal pipe for flowing a fluid.
- 5 2. The flexible pipe according to claim 1, wherein said conductive coating layer is made of a metal.
3. The flexible pipe according to claim 1 or 2, wherein both of said resin layer and said conductive coating layer cover the entire outer surface of said corrugated metal pipe.
- 10 4. The flexible pipe according to any one of claims 1-3, wherein said resin layer covers the entire outer surface of said corrugated metal pipe, and said conductive coating layer is constituted by at least one metal tape extending along said corrugated metal pipe.
5. The flexible pipe according to any one of claims 1-4, wherein  
15 said resin layer is a conductive layer or an insulating layer.
6. A flexible pipe comprising a first resin layer, a conductive metal layer and a second resin layer in this order from below on an outer surface of a corrugated metal pipe for flowing a fluid.
7. The flexible pipe according to claim 6, wherein said first and  
20 second resin layers are conductive layers or insulating layers.
8. The flexible pipe according to claim 6 or 7, wherein said metal layer is formed by a metal foil, woven or knit metal wires, a vapor-deposited, conductive layer, or a metal plating.
9. The flexible pipe according to claim 6 or 7, wherein said metal  
25 layer is constituted by at least one metal tape extending along said corrugated metal pipe.
10. The flexible pipe according to claim 7, wherein said conductive resin layer is formed by a conductive paint.

11. A flexible pipe comprising a corrugated metal pipe for flowing a fluid, a first insulating resin layer covering the entire outer surface of said corrugated metal pipe, pluralities of metal tapes longitudinally extending on the outer surface of said first insulating resin layer, and a second insulating resin layer covering the entire outer surface of said first insulating resin layer via said metal tapes, said first and second insulating resin layers being easily peelable.
- 5
12. The flexible pipe according to claim 11, wherein said first and second insulating resin layers are formed by an extrusion lamination method, and not thermally fused.
- 10
13. The flexible pipe according to claim 11 or 12, comprising a parting layer between said first and second insulating resin layers.